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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

Applicant: Charles L. Turnbough  
Serial No.: 09/229,751  
Filed January 14, 1999

For: PEPTIDE LIGANDS THAT BIND TO SURFACES OF BACTERIAL SPORES

TECH CENTER 1600/2900 12-3-00

AMENDMENT ACCOMPANYING NEW SEQUENCE LISTING

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

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Sir:

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This is a Response to the communication of October 10 requesting a substitute sequence listing. In response thereto, the numeration of the sequences has been changed, since it appears that the Examiner intends that all number 1-80 be used in enumeration of the sequences.

Please amend the specification in the following manner:

At page 8, please make the following changes:

- at line 25, replace "81" with --18--,
- at line 27, replace "82" with --32--,
- at line 29, replace "83" with --33--,
- at line 31, replace "84" with --34--,
- at line 33, replace "84" with --35--,
- at line 35, replace "85" with --36--, and
- at line 37, replace "86" with --37--.

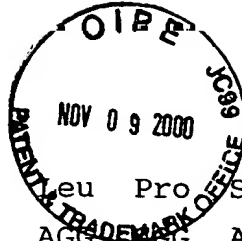
At page 9, line 32, replace "99" with --38--.

At page 12, line 34, replace "100" with --45--.

Cancel the following Table 3 at the top of page 13:

" **TABLE 3. B. cereus T spore tight-binding peptides:**

1. (2) ACG CAT CGT TTG CCT TCT CGG (Seq. ID No. 101)



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	Thr	His	Arg	Leu	Pro	Ser	Arg	(Seq. ID No. 110)
2. (13)	GTT	ACT	AGT	AGG	GGG	AAT	GTT	(Seq. ID No. 102)
	Val	Thr	Ser	Arg	Gly	Asn	Val	(Seq. ID No. 111)
3.	AAG	CTG	TGG	GTG	ATT	CCT	CAG	(Seq. ID No. 103)
	Lys	Leu	Trp	Val	Ile	Pro	Gln	(Seq. ID No. 112)
4.	TAT	TCG	CCT	CCT	CAT	AGG	CAT	(Seq. ID No. 104)
	Tyr	Ser	Pro	Leu	His	Arg	His	(Seq. ID No. 113)
5.	TCG	TAT	CCT	CCG	TAT	TTT	GAT	(Seq. ID No. 105)
	Ser	Tyr	Pro	Pro	Tyr	Phe	Asp	(Seq. ID No. 114)
6. (2)	CTT	TTG	TCG	CCT	CTG	CAT	CGT	(Seq. ID No. 106)
	Leu	Leu	Ser	Pro	Leu	His	Arg	(Seq. ID No. 115)
7.	TTT	GAT	TCT	CCG	CTT	CGT	CGG	(Seq. ID No. 107)
	Phe	Asp	Ser	Pro	Leu	Arg	Arg	(Seq. ID No. 116)
8.	TGG	TCG	CCG	CTG	CAT	AAG	CAT	(Seq. ID No. 108)
	Trp	Ser	Pro	Leu	His	Lys	His	(Seq. ID No. 117) "

and replace with the following:

TABLE 3. B. cereus T spore tight-binding peptides:

1. (2)	ACG	CAT	CGT	TTG	CCT	TCT	CGG	(Seq. ID No. 46)
	Thr	His	Arg	Leu	Pro	Ser	Arg	(Seq. ID No. 72)
2. (13)	GTT	ACT	AGT	AGG	GGG	AAT	GTT	(Seq. ID No. 47)
	Val	Thr	Ser	Arg	Gly	Asn	Val	(Seq. ID No. 73)
3.	AAG	CTG	TGG	GTG	ATT	CCT	CAG	(Seq. ID No. 48)
	Lys	Leu	Trp	Val	Ile	Pro	Gln	(Seq. ID No. 74)
4.	TAT	TCG	CCT	CCT	CAT	AGG	CAT	(Seq. ID No. 49)
	Tyr	Ser	Pro	Leu	His	Arg	His	(Seq. ID No. 75)
5.	TCG	TAT	CCT	CCG	TAT	TTT	GAT	(Seq. ID No. 57)
	Ser	Tyr	Pro	Pro	Tyr	Phe	Asp	(Seq. ID No. 76)
6. (2)	CTT	TTG	TCG	CCT	CTG	CAT	CGT	(Seq. ID No. 58)
	Leu	Leu	Ser	Pro	Leu	His	Arg	(Seq. ID No. 77)
7.	TTT	GAT	TCT	CCG	CTT	CGT	CGG	(Seq. ID No. 59)
	Phe	Asp	Ser	Pro	Leu	Arg	Arg	(Seq. ID No. 78)
8.	TGG	TCG	CCG	CTG	CAT	AAG	CAT	(Seq. ID No. 71)
	Trp	Ser	Pro	Leu	His	Lys	His	(Seq. ID No. 79)

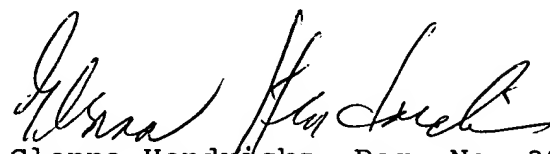
At page 13, line 21, immediately below the table, replace "111" with --73--.

At page 13, line 30, replace "117" with --79--.

Attached is a new, substitute sequence listing in hard copy

and on diskette along with the attorney's declaration. It is respectfully requested that this amendment and the sequence listing be entered into the file as amended.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Glenna Hendricks".

Glenna Hendricks, Reg. No. 32,535